## SEQUENCE LISTING

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- <110> Yu, Guo-Liang Ebner, Reinhard Ni, Jian Rosen, Craig A.
- <120> Neutrokine-alpha and Neutrokine-alpha Splice Variants
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	Gly	Ser	Tyr	Thr	Phe 165	Val	Pro	Trp	Leu	Leu 170	Ser	Phe	Lys	Arg	Gly 175	Ser
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	Gly	His 210	Leu	Ile	Gln	Arg	Lys 215	Lys	Val	His	Val	Phe 220	Gly	Asp	Glu	Leu
	Ser 225	Leu	Val	Thr	Leu	Phe 230	Arg	Cys	Ile	Gln	Asn 235	Met	Pro	Glu	Thr	Leu 240
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Cys Leu Leu His Phe Gly Val Ile Gly Pro Gln Arg Glu Glu Phe Pro 50 60

Arg Asp Leu Ser Leu Ile Ser Pro Leu Ala Gln Ala Val Arg Ser Ser 65 70 75 80

Ser Arg Thr Pro Ser Asp Lys Pro Val Ala His Val Val Ala Asn Pro 85 90 95

Gln Ala Glu Gly Gln Leu Gln Trp Leu Asn Arg Arg Ala Asn Ala Leu 100 105 110

Leu Ala Asn Gly Val Glu Leu Arg Asp Asn Gln Leu Val Val Pro Ser 115 120 125

Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe Lys Gly Gln Gly 130 135 140

Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile Ser Arg Ile Ala 145 150 155 160

Val Ser Tyr Gln Thr Lys Val Asn Leu Leu Ser Ala Ile Lys Ser Pro 165 170 175

Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Lys Pro Trp Tyr Glu 180 185 190

Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Lys Gly Asp Arg Leu 195 200 205

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Arg Gln His Pro Lys Met His Leu Ala His Ser Thr Leu Lys Pro Ala 50 55 60

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65 70 75 80

Ala Asn Thr Asp Arg Ala Phe Leu Gln Asp Gly Phe Ser Leu Ser Asn 85 90 95

Asn Ser Leu Leu Val Pro Thr Ser Gly Ile Tyr Phe Val Tyr Ser Gln 100 105 110

Val Val Phe Ser Gly Lys Ala Tyr Ser Pro Lys Ala Thr Ser Ser Pro 115 120 125

Leu Tyr Leu Ala His Glu Val Gln Leu Phe Ser Ser Gln Tyr Pro Phe 130 135 140

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Thr Asp Leu Ser Pro Gly Leu Pro Ala Ala His Leu Ile Gly Ala Pro 85 90 95

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Ser Ser Leu Tyr Arg Ala Gly Gly Ala Tyr Gly Pro Gly Thr Pro Glu

Leu Leu Leu Glu Gly Ala Glu Thr Val Thr Pro Val Leu Asp Pro Ala 185

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Pro Thr Ser Val Pro Arg Arg Pro Gly Gln Arg Arg Pro Pro Pro

Pro Pro Pro Pro Leu Pro Pro Pro Pro Pro Pro Pro Leu Pro 55

Pro Leu Pro Leu Pro Pro Leu Lys Lys Arg Gly Asn His Ser Thr Gly

Leu Cys Leu Leu Val Met Phe Phe Met Val Leu Val Ala Leu Val Gly 85

Leu Gly Leu Gly Met Phe Gln Leu Phe His Leu Gln Lys Glu Leu Ala 105

Glu Leu Arg Glu Ser Thr Ser Gln Met His Thr Ala Ser Ser Leu Glu 115

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Lys Lys Gly Gly Leu Val Ile Asn Glu Thr Gly Leu Tyr Phe Val Tyr
Ser Lys Val Tyr Phe Arg Gly Gln Ser Cys Asn Asn Leu Pro Leu Ser
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His Lys Val Tyr Met Arg Asn Ser Lys Tyr Pro Gln Asp Leu Val Met
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                                         235
Arg Ser Ser Tyr Leu Gly Ala Val Phe Asn Leu Thr Ser Ala Asp His
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818

903

Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile Ser Leu Asp Gly Asp 250 245 gtc aca ttt ttt ggt gca ttg aaa ctg ctg tgacctactt acaccatgtc Val Thr Phe Phe Gly Ala Leu Lys Leu Leu tgtagctatt ttcctccctt tctctgtacc tctaagaaga aagaatctaa ctgaaaatac 878 caaaaaaaa aaaaaaaaa aaaaa <210> 19 <211> 266 <212> PRT <213> Homo sapiens <400> 19 Met Asp Asp Ser Thr Glu Arg Glu Gln Ser Arg Leu Thr Ser Cys Leu 10 Lys Lys Arg Glu Glu Met Lys Leu Lys Glu Cys Val Ser Ile Leu Pro Arg Lys Glu Ser Pro Ser Val Arg Ser Ser Lys Asp Gly Lys Leu Leu Ala Ala Thr Leu Leu Leu Ala Leu Leu Ser Cys Cys Leu Thr Val Val Ser Phe Tyr Gln Val Ala Ala Leu Gln Gly Asp Leu Ala Ser Leu Arg Ala Glu Leu Gln Gly His His Ala Glu Lys Leu Pro Ala Gly Ala Gly Ala Pro Lys Ala Gly Leu Glu Glu Ala Pro Ala Val Thr Ala Gly Leu 105 Lys Ile Phe Glu Pro Pro Ala Pro Gly Glu Gly Asn Ser Ser Gln Asn 120 Ser Arg Asn Lys Arg Ala Val Gln Gly Pro Glu Glu Thr Gly Ser Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg Gly Ser Ala Leu Glu Glu Lys Glu Asn Lys Ile Leu Val Lys Glu Thr Gly Tyr Phe Phe Ile 170 Tyr Gly Gln Val Leu Tyr Thr Asp Lys Thr Tyr Ala Met Gly His Leu Ile Gln Arg Lys Lys Val His Val Phe Gly Asp Glu Leu Ser Leu Val 200 Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Glu Thr Leu Pro Asn Asn 215 220 210

Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu Glu Gly Asp Glu Leu 225 230 235 240

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Val Thr Phe Phe Gly Ala Leu Lys Leu Leu 260 265

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Gly Leu Gln Ala Gln Gly Tyr Gly Val Arg Ile Gln Asp Ala Gly Val
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Tyr Leu Leu Tyr Ser Gln Val Leu Phe Gln Asp Val Thr Phe Thr Met 50 55 60

Gly Gln Val Val Ser Arg Glu Gly Gln Gly Arg Gln Glu Thr Leu Phe
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Arg Cys Ile Arg Ser Met Pro Ser His Pro Asp Arg Ala Tyr Asn Ser 85 90 95

Cys Tyr Ser Ala Gly Val Phe His Leu His Gln Gly Asp Ile Leu Ser 100 105 110

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18

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										aac Asn						96
			-					_		aaa Lys	_			-	_	144
										caa Gln						192
		_	_	_			_	-		atc Ile 75		-	_			240
_		_		_		-		-		<b>G</b> ly ggg	_		_	_		288
		_		-	-		_		_	ccc Pro			_			336
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Phe Glu Pro Pro Ala Pro Gly Glu Gly Asn Ser Ser Gln Ser Ser Arg 50 55 60												
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Leu Gln Leu Ile Ala Asp Ser Glu Thr Pro Thr Ile Gln Lys Gly Ser 85 90 95												
Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg Gly Ser Ala Leu 100 105 110	ı											

Glu Glu Lys Glu Asn Lys Ile Leu Val Lys Glu Thr Gly Tyr Phe Phe 120 Ile Tyr Gly Gln Val Leu Tyr Thr Asp Lys Thr Tyr Ala Met Gly His 135 Leu Ile Gln Arg Lys Lys Val His Val Phe Gly Asp Glu Leu Ser Leu Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Glu Thr Leu Pro Asn 170 Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu Glu Gly Asp Glu 185 Leu Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile Ser Leu Asp Gly 205 200 195 Asp Val Thr Phe Phe Gly Ala Leu Lys Leu Leu 215 210 <210> 29 <211> 657 <212> DNA <213> Homo sapiens <400> 29 taccaggtgg cggccgtgca aggggacctg gccagcctcc gggcagagct gcagagccac 60 cacgcggaga agctgccagc aagagcaaga gcccccaagg ccggtctggg ggaagctcca 120 getgtcaccg egggactgaa aatetttgaa ccaccagete caggagaagg caactecagt 180 cagagcagca gaaataagcg tgctattcag ggtgcagaag aaacagtcat tcaagactgc 240 ttgcaactga ttgcagacag tgaaacacca actatacaaa aaggatctta cacatttgtt 300 ccatggette teagetttaa aaggggaagt geectagaag aaaaagagaa taaaatattg 360 gtcaaagaaa ctggttactt ttttatatat ggtcaggttt tatacactga taagacctat 420 gccatgggac atctaattca gaggaaaaaa gtccatgtct ttggggatga attgagtctg 480 gtgactttgt ttcgatgtat tcaaaatatg cctgaaacac tacccaataa ttcctgctat 540 tcagctggca ttgcaaaact ggaagaaggg gatgaacttc aacttgcaat accacgagaa 600 aatgcacaaa tatcactgga tggagatgtc acattttttg gtgccctcaa actgctg <210> 30 <211> 219 <212> PRT <213> Homo sapiens <400> 30 Tyr Gln Val Ala Ala Val Gln Gly Asp Leu Ala Ser Leu Arg Ala Glu Leu Gln Ser His His Ala Glu Lys Leu Pro Ala Arg Ala Arg Ala Pro Lys Ala Gly Leu Gly Glu Ala Pro Ala Val Thr Ala Gly Leu Lys Ile

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Asn Lys Arg Ala Ile Gln Gly Ala Glu Glu Thr Val Ile Gln Asp Cys Leu Gln Leu Ile Ala Asp Ser Glu Thr Pro Thr Ile Gln Lys Gly Ser Tyr Thr Phe Val Pro Trp Leu Leu Ser Phe Lys Arg Gly Ser Ala Leu Glu Glu Lys Glu Asn Lys Ile Leu Val Lys Glu Thr Gly Tyr Phe Phe Ile Tyr Gly Gln Val Leu Tyr Thr Asp Lys Thr Tyr Ala Met Gly His Leu Ile Gln Arg Lys Lys Val His Val Phe Gly Asp Glu Leu Ser Leu Val Thr Leu Phe Arg Cys Ile Gln Asn Met Pro Glu Thr Leu Pro Asn 170 165 Asn Ser Cys Tyr Ser Ala Gly Ile Ala Lys Leu Glu Glu Gly Asp Glu Leu Gln Leu Ala Ile Pro Arg Glu Asn Ala Gln Ile Ser Leu Asp Gly 200 Asp Val Thr Phe Phe Gly Ala Leu Lys Leu Leu 215 <210> 31 <211> 38 <212> DNA <213> Homo sapiens <400> 31 38 ggtcgccgtt tctaacgcgg ccgttcaggg tccagaag <210> 32 <211> 49 <212> DNA <213> Homo sapiens <400> 32 49 ctggttcggc ccaaggtacc aagcttgtac cttagatctt ttctagatc <210> 33 <211> 21 <212> DNA <213> Homo sapiens <400> 33 21 ctggtagttc ttcggagtgt g

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